

**INFORMATION DISCLOSURE STATEMENT PURSUANT TO**  
**37 C.F.R. §§1.97-1.98**

PATENT APPLICATION

Applicant(s): Yasuhiro UMEKAGE, et al.  
Serial No.: 10/019,418  
Group Art Unit: To be assigned  
TITLE: FLOWMETER

Docket No.: 29288.4600  
U.S. Filing Date: December 21, 2001  
Examiner: To be assigned

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.98, the reference or references listed and identified on the attached PTO-1449 based form are being submitted herewith for consideration by the Examiner. A copy of the listed reference is included herewith.

The reference or references are being cited only in the interest of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art.

This Information Disclosure Statement (IDS) is being filed under 37 C.F.R. §1.97(b)(3) as each item of information contained in this disclosure is being filed prior to the issuance of a first Office Action on the merits, and therefore no fee or statement is required. The references cited in this disclosure were also disclosed in a communication from a foreign patent office in a counterpart foreign application. If Applicant has overlooked any fees, the Commissioner is hereby authorized to debit Deposit Account No. 19-2814 for the same. **A duplicate copy of this Information Disclosure Statement is enclosed for this purpose.**

If there are any questions concerning this IDS, the Examiner is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the United States Patent and Trademark Office is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 19-2814.

Respectfully submitted,

Date: \_\_\_\_\_

3/29/02

By \_\_\_\_\_

Michael K. Kelly  
Reg. No. 32,848

Enclosures: PTO-1449  
Patent copies

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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

29288.4600

Application Number

10/019,418

Applicant(s)

Yasuhiro UMEKAGE, et al.

Filing Date

December 21, 2001

Group Art Unit

To be assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,513,535	05/07/1996	Mayranen, et al.			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	B	09304139 A	11/28/1997	Japan				
	C	11044563 A	02/16/1999	Japan				
	D	08304135 A	11/22/1996	Japan				
	E	08271313 A	10/18/1996	Japan				
	F	63005217 A	01/11/1988	Japan				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.